



1/6

>4304443inh	AGTATACATT	CTTTATTAAT	CATTTTGCTT	CCAACCCCAT	TTAGGCTGCC
>4304443H1	GTATACATT	CTTTATTAAT	CATTTTGCTT	CCAACCCCAT	TTAGGCTGCC
Consensus	AGTATACATT	CTTTATTAAT	CATTTTGCTT	CCAACCCCAT	TTAGCCTGCC
>4304443inh	ATTGAAATGC	AAAAGTCTGT	TCCAAATAAA	GCCTTGGAAT	TGAAGAATGA
>4304443H1	ATTGAAATGC	AAAAGTCTGT	TCCAAATAAA	GCCTTGGAAT	TGAANAATGA
>3040232H1	GAAATGC	AAAAGTCTGT	TCCAAATAAA	GCCTTGGAAT	TGAAGAATGA
Consensus	ATTGAAATGC	AAAAGTCTGT	TCCAAATAAA	GCCTTGGAAT	TGAAGAATGA
>4304443inh	ACAAACATTG	AGAGCAGATG	AGATACTCCC	ATCAGAATCC	AAACAAAAGG
>4304443H1	ACAAACATTG	AGAGCAGATG	AGATACTCCC	ATCAGAATCC	AAACAAAAGG
>3040232H1	ACAAACATTG	AGAGCAGATG	AGATACTCCC	ATCAGAATCC	AAACAAAAGG
Consensus	ACAAACATTG	AGAGCAGATG	AGATACTCCC	ATCAGAATCC	AAACAAAAGG
>4304443inh	ACTATGAAGA	AAGTTCTTGG	GATTCTGAGA	GTCTCTGTGA	GACTGTTTCA
>4304443H1	ACTATGAAGA	AAGTTCTTGG	GATTCTGAGA	GTCTCTGTGA	GACTGTTTCA
>3040232H1	ACTATGAAGA	AAGTTCTTGG	GATTCTGAGA	GTCTCTGTGA	GACTGTTTCA
Consensus	ACTATGAAGA	AAGTTCTTGG	GATTCTGAGA	GTCTCTGTGA	GACTGTTTCA
>4304443inh	CAGAAGGATG	TGTGTTTACC	CAAGGCTGCG	CATCAAAAAG	AAATAGATAA
>4304443H1	CAGAAGGATG	TGTGTTTACC	CAAGGCTGCG	CATCAAAAAG	AAATAGATAA
>3040232H1	CAGAAGGATG	TGTGTTTACC	CAAGGCTGCG	CATCAAAAAG	AAATAGATAA
Consensus	CAGAAGGATG	TGTGTTTACC	CAAGGCTGCG	CATCAAAAAG	AAATAGATAA
>4304443inh	AATAAATGGA	AAATTAGAAG	GGTCTCCTGT	TAAAGATGGT	CTTCTGAAGG
>4304443H1	AATAA				
>3040232H1	AATAAATGGA	AAATTAGAAG	GGTCTCCTGT	TAAAGATGGT	CTTCTGAAGG
Consensus	AATAAATGGA	AAATTAGAAG	GGTCTCCTGT	TAAAGATGGT	CTTCTGAAGG
>4304443inh	CTAACTGCGG	AATGAAAGTT	TCTATTCCAA	CTAAAGCCTT	AGAATTGATG
>3040232H1	CTAACTGCGG	AATGAAAGTT	TCTATTCCAA	C	
Consensus	CTAACTGCGG	AATGAAAGTT	TCTATTCCAA	CTAAAGCCTT	AGAATTGATG
>4304443inh	GACATGCAAA	CTTTCAAAGC	AGAGCCTCCC	GAGAAGCCAT	CTGCCTTCGA
Consensus	GACATGCAAA	CTTTCAAAGC	AGAGCCTCCC	GAGAAGCCAT	CTGCCTTCGA
>4304443inh	GCCTGCCATT	GAAATGCAAA	AGTCTGTTCC	AAATAAAGCC	TTGGAATTGA
Consensus	GCCTGCCATT	GAAATGCAAA	AGTCTGTTCC	AAATAAAGCC	TTGGAATTGA
>4304443inh	AGAATGAACA	AACATTGAGA	GCAGATGAGA	TACTCCCATC	AGAATCCAAA
Consensus	AGAATGAACA	AACATTGAGA	GCAGATGAGA	TACTCCCATC	AGAATCCAAA

FIG. 1A



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>4304443inh Consensus	CAAAAGGACT ATGAAGAAAG TTCTTGGGAT TCTGAGAGTC TCTGTGAGAC CAAAAGGACT ATGAAGAAAG TTCTTGGGAT TCTGAGAGTC TCTGTGAGAC
>4304443inh Consensus	TGTTTCACAG AAGGATGTGT GTTTACCCAA GGCTACACAT CAAAAAGAAA TGTTTCACAG AAGGATGTGT GTTTACCCAA GGCTACACAT CAAAAAGAAA
>4304443inh Consensus	TAGATAAAAT AAATGGAAAA TTAGAAGAGT CTCCTGATAA TGATGGTTTT TAGATAAAAT AAATGGAAAA TTAGAAGAGT CTCCTGATAA TGATGGTTTT
>4304443inh Consensus	CTGAAGGCTC CCTGCAGAAT GAAAGTTTCT ATTCCAATA AAGCCTTAGA CTGAAGGCTC CCTGCAGAAT GAAAGTTTCT ATTCCAATA AAGCCTTAGA
>4304443inh Consensus	ATTGATGGAC ATGCAAACTT TCAAAGCAGA GCCTCCCGAG AAGCCATCTG ATTGATGGAC ATGCAAACTT TCAAAGCAGA GCCTCCCGAG AAGCCATCTG
>4304443inh Consensus	CCTTCGAGCC TGCCATTGAA ATGCAAAAGT CTGTTCCAAA TAAAGCCTTG CCTTCGAGCC TGCCATTGAA ATGCAAAAGT CTGTTCCAAA TAAAGCCTTG
>4304443inh <3790941H1 >3424294H1 Consensus	GAATTGAAGA ATGAACAAAC ATTGAGAGCA GATCAGATGT TCCCTTCAGA TCCCTTCAGA CAGA GAATTGAAGA ATGAACAAAC ATTGAGAGCA GATCAGATGT TCCCTTCAGA
>4304443inh <3790941H1 >3424294H1 Consensus	ATCAAAACAA AAGAACGTTG AAGAAAATTC TTGGGATTCT GAGAGTCTCC ATCAAAACNA AAGAAGGTTG :AGAAAATTC TTGGGATTCT GAGAGTCTCC ATCAAAACAA AAGAAGGTTG AAGAAAATTC TTGGGATTCT GAGAGTCTCC ATCAAAACAA AAGAAGGTTG AAGAAAATTC TTGGGATTCT GAGAGTCTCC
>4304443inh <3790941H1 >3424294H1 Consensus	GTGAGACTGT TTCACAGAAG GATGTGTGTG TACCCAAGGC TACACATCAA GTGAGACTGT TTCACAG:AG GATGTGTGTG TACCCAAGGC TACACATCAA GTGAGACTGT TTCACAGAAG GATGTGTGTG TACCCAAGGC TACACATCAA GTGAGACTGT TTCACAGAAG GATGTGTGTG TACCCAAGGC TACACATCAA
>4304443inh <3790941H1 >3424294H1 Consensus	AAAGAAATGG ATAAAATAAG TGGAAAATTA GAAGATTCAA CTAGCCTATC AAAGAAATGG ATAAAATAAG TGGAAAATTA GAAGATTCAA CTAGCCTATC AAAGAAATGG ATAAAATAAG TGGAAAATTA GAAGATTCAA CTAGCCTATC AAAGAAATGG ATAAAATAAG TGGAAAATTA GAAGATTCAA CTAGCCTATC
>4304443inh <3790941H1 >3424294H1 Consensus	AAAAATCTTG GATACAATTC ATTCTTGTGA AAGAGCAAGG GAACTTCAAA AAAAATCTTG GATACAGTTC ATTCTTGTGA AAGAGCAAGG GAACTTCAAA AAAAATCTTG GATACAGTTC ATTCTTGTGA AAGAGCAAGG GAACTTCAAA AAAAATCTTG GATACAGTTC ATTCTTGTGA AAGAGCAAGG GAACTTCAAA

FIG.1B



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>4304443inh	AAGATCACTG	TGAACAATGT	ACAGGAAAAA	TGGAACAAAT	GAAAAAGAAG
<3790941H1	AAGATCACTG	TGAACAACGT	ACAGGAAAAA	TGGAACAAAT	GAAAAAGAAG
>3424294H1	AAGATCACTG	TGAACAACGT	ACAGGAAAAA	TGGAACAAAT	GANAAAAAGAAG
Consensus	AAGATCACTG	TGAACAACGT	ACAGGAAAAA	TGGAACAAAT	GAAAAAGAAG
>4304443inh	TTTTGTGTAC	TGAAAAAGAA	ACTGTCAGAA	GCAAAAAGAAA	TAAAATCACA
<3790941H1	TTTTGTGTAC	TGAAAAAGAA	ACTGTCAGAA	GCAAAA	
Consensus	TTTTGTGTAC	TGAAAAAGAA	ACTGTCAGAA	GCAAAAAGAAA	TAAAATCACA
>4304443inh	GTTAGAGAAC	CAAAAAGTTA	AATGGGAACA	AGAGCTCTGC	AGTGTGAGGT
>2741038H1				GNGCTCTGC	NGTGTGAGGN
Consensus	GTTAGAGAAC	CAAAAAGTTA	AATGGGAACA	AGAGCTCTGC	AGTGTGAGGT
>4304443inh	TTCTCACACT	CATGAAAATG	AAAATTATCT	CTTACATGAA	AATTGCATGT
>2741030H1	TTCTCACACT	CATGANAATN	AAAATNATCT	CTTACATGAN	AATTGCATGT
Consensus	TTCTCACACT	CATGAAAATG	AAAATTATCT	CTTACATGAA	AATTGCATGT
>4304443inh	TGAAAAAGGA	AATTGCCATG	CTAAACTGG	AAATAGCCAC	ACTGAAACAC
>2741038H1	TGAAAAAGGA	AATTGCCATG	CTAAACTGG	AAATAGCCAC	ACTGAAACAC
Consensus	TGAAAAAGGA	AATTGCCATG	CTAAACTGG	AAATAGCCAC	ACTGAAACAC
>4304443inh	CAATACCAGG	AAAAGGAAAA	TAAATACTTT	GAGGACATTA	AGATTTTAAA
>2741038H1	CAATACCAGG	AAAAGGAAAA	TAAATACTTT	GAGGACATTA	AGATTTTAAA
Consensus	CAATACCAGG	AAAAGGAAAA	TAAATACTTT	GAGGACATTA	AGATTTTAAA
>4304443inh	AGAAAAGAAT	GCTGAACTTC	AGATGACCCT	AAAAGTAAA	GAGGAATCAT
>2741038H1	AGANAAGAAT	GCTGAACTTC	AGATGACCCT	AAAAGTAAA	GAGGAATCAT
Consensus	AGAAAAGAAT	GCTGAACTTC	AGATGACCCT	AAAAGTAAA	GAGGAATCAT
>4304443inh	TAATAAAAAG	GGCATCTCAA	TATAGTGGGC	AGCTTAAAGT	TCTGATAGCT
>2741038H1	TAATAAAAAG	GGCATCTCAA	TATAGTGGGC	AGCTT	
Consensus	TAATAAAAAG	GGCATCTCAA	TATAGTGGGC	AGCTTAAAGT	TCTGATAGCT
>4304443inh	GAGAACACAA	TGCTCACTTC	TAAATTGAAG	GAAAAACAAG	ACAAAGAAAT
Consensus	GAGAACACAA	TGCTCACTTC	TAAATTGAAG	GAAAAACAAG	ACAAAGAAAT
>4304443inh	ACTAGAGGCA	GAAATTGAAT	CACACCATCC	TAGACTGGCT	TCTGCTGTAC
Consensus	ACTAGAGGCA	GAAATTGAAT	CACACCATCC	TAGACTGGCT	TCTGCTGTAC
>4304443inh	AAGACCATGA	TCAAATTGTG	ACATCAAGAA	AAAGTCAAGA	ACCTGCTTTC
>4302934H1			TTCAAGAA	AAAGTCAAGA	ACCTGCTTTC
Consensus	AAGACCATGA	TCAAATTGTG	ACWTCAAGAA	AAAGTCAAGA	ACCTGCTTTC

FIG. 1C

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>4304443inh	CACATTGCAG	GAGATGCTTG	TTTGCAAAGA	AAAATGAATG	TTGATGTGAG
>4302934H1	CACATTGCAG	GAGATGCTTG	TNTGCAAAGA	AAAATGAATG	TTGATGTGAG
Consensus	CACATTGCAG	GAGATGCTTG	TTTGCAAAGA	AAAATGAATG	TTGATGTGAG
>4304443inh	TAGTACGATA	TATAACAATG	AGGTGCTCCA	TCAACCACTT	TCTGAAGCTC
>4302934H1	TAGTACGATA	TATAACAATG	AGGTGCTCCA	TCAACCACTT	TCTGAAGCTC
Consensus	TAGTACGATA	TATAACAATG	AGGTGCTCCA	TCAACCACTT	TCTGAAGCTC
>4304443inh	AAAGGAAATC	CAAAGCCTA	AAAATTAATC	TCAATTATGC	AGGAGATGCT
>4302934H1	AAAGGAAATC	CAAAGCCTA	AAAATTAATC	TCAATTATGC	CGGAGATGCT
Consensus	AAAGGAAATC	CAAAGCCTA	AAAATTAATC	TCAATTATGC	MGGAGATGCT
>4304443inh	CTAAGAGAAA	ATACATTGGT	TTCAGAACAT	GCACAAAGAG	ACCAACGTGA
>4302934H1	CTAAGAGAAA	ATACATTGGT	TTCAGAACAT	GCACAAAGAG	ACCAACGTGA
Consensus	CTAAGAGAAA	ATACATTGGT	TTCAGAACAT	GCACAAAGAG	ACCAACGTGA
>4304443inh	AACACAGTGT	CAAATGAAGG	AAGCTGAACA	CATGTATCAA	AACGAACAAG
>4302934H1	AACACAGTGT	CAAATGAAGG	AAGCTGAACA	CATGTATC	
Consensus	AACACAGTGT	CAAATGAAGG	AAGCTGAACA	CATGTATCAA	AACGAACAAG
>4304443inh	ATAATGTGAA	CAAACACACT	GAACAGCAGG	AGTCTCTAGA	TCAGAAATTA
Consensus	ATAATGTGAA	CAAACACACT	GAACAGCAGG	AGTCTCTAGA	TCAGAAATTA
>4304443inh	TTTCAACTAC	AAAGCAAAAA	TATGTGGCTT	CAACAGCAAT	TAGTTCATGC
Consensus	TTTCAACTAC	AAAGCAAAAA	TATGTGGCTT	CAACAGCAAT	TAGTTCATGC
>4304443inh	ACATAAGAAA	GCTGACAACA	AAAGCAAGAT	AACAATTGAT	ATTCATTTTC
Consensus	ACATAAGAAA	GCTGACAACA	AAAGCAAGAT	AACAATTGAT	ATTCATTTTC
>4304443inh	TTGAGAGGAA	AATGCAACAT	CATCTCCTAA	AAGAGAAAAA	TGAGGAGATA
Consensus	TTGAGAGGAA	AATGCAACAT	CATCTCCTAA	AAGAGAAAAA	TGAGGAGATA
>4304443inh	TTTAATTACA	ATAACCATT	AAAAAACCGT	ATATATCAAT	ATGAAAAAGA
Consensus	TTTAATTACA	ATAACCATT	AAAAAACCGT	ATATATCAAT	ATGAAAAAGA
>4304443inh	GAAAGCAGAA	ACAGAAAAC	CATGAGAGAC	AAGCAGTAAG	AAACTTCTTT
Consensus	GAAAGCAGAA	ACAGAAAAC	CATGAGAGAC	AAGCAGTAAG	AAACTTCTTT
>4304443inh	TGGAGAAACA	ACAGACCAGA	TCTTTACTCA	CAACTCATGC	TAGGAGGCCA
Consensus	TGGAGAAACA	ACAGACCAGA	TCTTTACTCA	CAACTCATGC	TAGGAGGCCA

FIG.1D



>4304443inh Consensus	GTCCTAGCAT CACCTTATGT TGAAAATCTT ACCAATAGTC TGTGTCAACA GTCCTAGCAT CACCTTATGT TGAAAATCTT ACCAATAGTC TGTGTCAACA
>4304443inh Consensus	GAATACTTAT TTTAGAAGAA AAATTCATGA TTTCTTCCTG AAGCCTACAG GAATACTTAT TTTAGAAGAA AAATTCATGA TTTCTTCCTG AAGCCTACAG
>4304443inh Consensus	ACATAAAATA ACAGTGTGAA GAATTACTTG TTCACGAATC TCGCTCTGCA ACATAAAATA ACAGTGTGAA GAATTACTTG TTCACGAATC TCGCTCTGCA
>4304443inh >158545H1 Consensus	CTCCAGCCTA GCGCCTAGT GAAACCCTGT GTCAAAAAGA AAAAAACAAA CCTA GCGCCTAGT GAAACCCTGT GTCAAAAAGA AAAAAACAAA CTCCAGCCTA GCGCCTAGT GAAACCCTGT GTCAAAAAGA AAAAAACAAA
>4304443inh >158545H1 Consensus	AACAAACTTC CAAGACCTCG AGTGGTTTTT GGAGACCCTG TATCACTTCA ANCAAACTTC CAAGACCTCG AGTGGTTTTN GGAGACCCTG TATCACTTCA AACAAACTTC CAAGACCTCG AGTGGTTTTT GGAGACCCTG TATCACTTCA
>4304443inh >158545H1 Consensus	AATAATGTGT TAAACAAGCA TCTTCATCTC ATTAATAGA AATGTTGAAA AATAATGTGT TAAACAAGCA TCTTCATCTC ATTAATAGA AATGTTGAAA AATAATGTGT TAAACAAGCA TCTTCATCTC ATTAATAGA AATGTTGAAA
>4304443inh >158545H1 Consensus	AATTGCTTTT GGAATAATTG ACTTATGGAT ATTTTCATCAA ATTTACAGTT AATTGCTTTT GGAATAATTG ACTTATGGAT ATTTTCATCAA ATTTACAGTT AATTGCTTTT GGAATAATTG ACTTATGGAT ATTTTCATCAA ATTTACAGTT
>4304443inh >158545H1 Consensus	GGCTATGCTT TCTTATTGTG CATACTATGA AATGTTTTTC TTCAAAAAGT GGCTATGCTT TCTTATTGTG CATACTATGA AATGTTTTNN TTCATT GGCTATGCTT TCTTATTGTG CATACTATGA AATGTTTTTC TTCAWWAAGT
>4304443inh Consensus	GTTTATAAGT GGTAAGTTTA AGAATGGGGT TGACAGCATT ATCTTTTGTG GTTTATAAGT GGTAAGTTTA AGAATGGGGT TGACAGCATT ATCTTTTGTG
>4304443inh Consensus	GTTATTTGAT TAAACATTTA CTAATTGTGC ATA GTTATTTGAT TAAACATTTA CTAATTGTGC ATA

FIG. 1E



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4304443inh  
4304443H1  
3040232H1  
3790941H1  
3424294H1  
2741038H1  
4302934H1  
158545H1

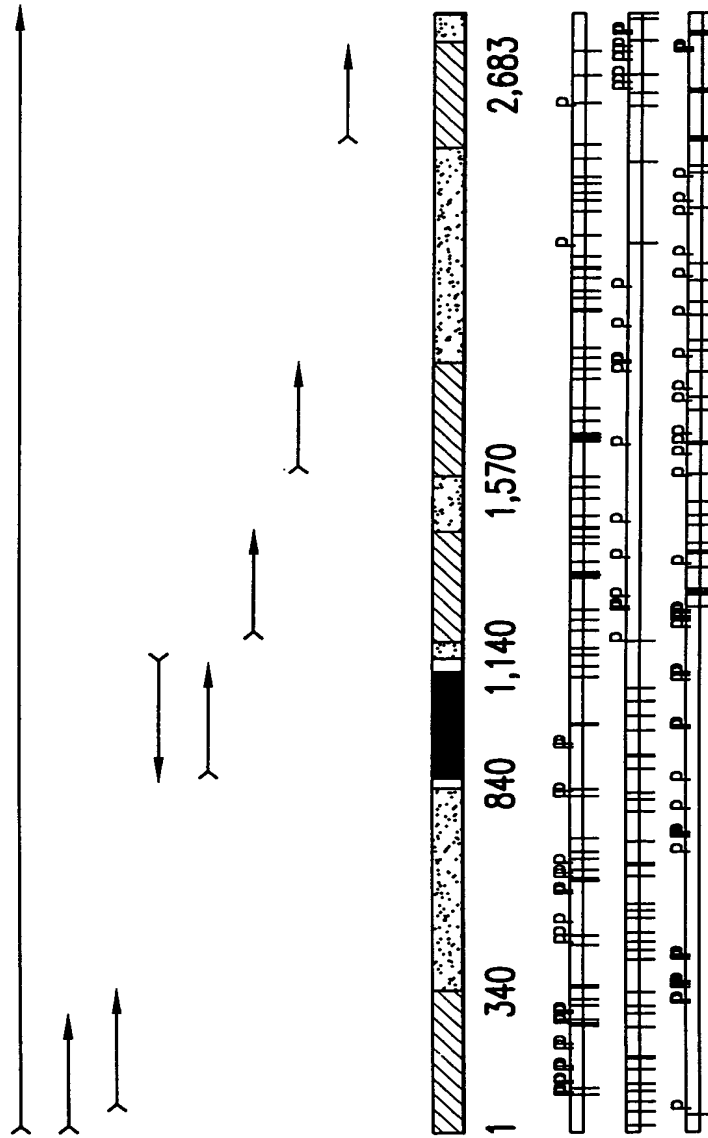


FIG. 2